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Best Local Similarity
Matches 3372; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         which inhibit its expression are useful as diagnostics and research reagents, and as a compouned of Fig. which can be used for detection the level of PI3K p85 in a sample. The compounds may be administered to an animal or human suspected of having a disease or disorder which can be treated by modulating the expression of PI3K p85. The compounds may further by serfal prophylicity. Fig. 1. It present or delay to the prophylicity of the property of the property of the prophylicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    receptors, are recruited upon receptor stimulation and mediate the activation of second messenger signaling pathways. The F13 kinase enzyme consists of a 110kD catalytic subunit (p110) associated with in 85k restrict, school (p37) at 3 % is the little so Junious of the p85 subunit that the enzyme associates with the membrane bound receptors. P13ks have been implicated in many cellular activities including growth factor mediated cell transformation, mitogenesis, protein trafficking, cell survival and proliferation, DNA synthesis, apoptosis, neurite outgrowth and insulin-stimulated collings.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               family of heterodimeric lipid kinases that are found in association with the cytoplasmic domain of hormone and growth factor receptors and occeptor products. PIRs act as downstream effectors of those and occeptor products.
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    Mismatches

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C-terminal tail of the EGF Receptor. An initial clone contained a
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    partial clone which were then used to isolate clones containing insert sequences lengths from 1% from the initial elemen. The
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   several new tyrosine kinase (TK) binding proteins were isolated. Growth factor receptor bound proteins GRB-1,GRB-2, GRB-3, GRB-4, GRB-7 and GRB-10 were isolated using this method. This sequence encodes GRB-1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3372 BP; 1110 A; 661 C; 716 G; 885 T; 0 other;
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05 MAY-1997;
                             21-SEP 1999.
                                                                                                                                           actin reorganization; insulin; glucose disappearance rate; glucose sensitivity; glucose resistance; glucose telerance; non-insulin dependent diabetes mellitus; cardiovascular disease;
                                                                                                                                                                                          Requilatory p85-alpha schamit; human; phosphotich; inested a kinases
P13K; growth factor plasma membrane receptor; has all receptor;
typosine Kinase and Vity, wentele trafficking; products sorting,
pigosytic activity; syyoskeletal rearrangement; membrane ruffling;
                                                                                                                                                                                                                                                                                                           08-NoV 1999 (tirst entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           response to insulin, protein sorting and in membrane and vesicle trafficking. Therefore, P13K acts as a mediafor of insulin action on glucose transport and metabolism. Mutations in the P13K gone result in decreased glucose disappearance rates, decreased glucose effectiveness and decreased glucose sonsitivity. Consequently, mutations in P13K genes are associated with glucose resistance or (impaired glucose tolerance), non-insulin dependent diabetes mellitus (NIDDM), cardiovascular disease, obesity and hypertension and other diseases resulting from altered
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            acids may be used to detect mutated genes encoding the P85 alpha subunit of P18K and to identify mutations which may after the activity of the polypeptide and result in a disease state P14K is associated with pinocyclic activity, cytoskeletal rearrangements that accompany secretory processes, membrane ruffling, actin reorganization in KB cells in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present sequence encodes the regulatory p85-alpha subunit of human phosphatidylinositol 3 kinase (P13K). P13K binds to growth factor plasma membrane receptors (including insulin receptors) and signaling motifs in signaling proteins and medicates the activity of those molecules through tyrosine kinase activity. It is also associated with vesicle trafficking and protein sorting and therefore acts as a mediator of insulin action on glucose transport and metabolism. The specification describes a mutated P85-alpha nucleic acid sequence which comprises the mutations, relative to the present sequence: C261T, T63G, A810G, and/or G1020A. The nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Altered nucleic acids encoding P85alpha subunits of human phosphatidylinesitol 3-kinase, useful for identifying mutations that may be associated with impaired glucose transport and metabolism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2508 BP; 833 A; 520 C; 538 G; 617 T; 0 other;
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                                                                                            GATGTTGAACAACAAGCTTTGACTCTCCCGGATCTTGCAGAGCAGTTTGCCCCTCCTGAC 420
                                       GAIGTTGANCAACAAGCITTGACTCTCCCGGAICTTGCAGAGCAGTTTGCCCCTCCTGAC 420
                                                                                                                                                                       GAMACCAGACCTGAAGAAATTGCCTGCTTAAATGGCTATAAACGACAGGGGAAAGG
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                                                                                                                                                                                                            GAAGCCAGCCTEAAGAAATTGGCTGGTTAAATGGCTATAATGAAACCACAGGGGAAAGG
                                                                                                                                                                                                                                                                                                                                                                - 66ТКАСАТАРТКАСТКИКААТАААСКИРОСТТАКИАКСТОЧИСБАРТСАСТБАНББАСАС - 180
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diagnostics, forcusics, dencemapping, identification of mutations
responsible for genetic disorders or other traits and to assess
                                                                                                                                                                                                                                                                                                                                                                                 Note: The sequence data for this patent did not appear in the printed specification, but was obtained in electronic format affectly from Wil at Itp.wipe.int/pub/pub/libb.d.pct sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 quantitating a polypeptide in tissue, as molecular weight markets and as a food supplement. (II) and its briding partners are useful in medical imaging of sites expressing (II). (I) and (II) are useful to treating disorders involving aberiant protein expression. I brokenical activity
                                                                                                                                                                                                                                                                                                                                          Sequence 5083 BP; 1550 A; 1009 C; 1159 G; 1365 T; 0 other
                                                                                                                                                                                                                                                                                                                                                                                                                                                   diagnostic coding sequences of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tor identifying expressed genes. (1) is machiling gene through techniques to restore normal activity of (11) of to treat disease states involving
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         polymerase chain reaction (PPK) primers, olicomers, and for chromocome and dene mapping, and in recombinant production of (11). The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The invention relates to isolated polymeteotide (i) and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 1; SEQ 10 No 21974; 10 8pp; English
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6.09 GCTGACATA FTGACTG FGAATAAAGGGTCCLTAGTAGTAGT FCT LCGAT IS ASTGGATGTACA COORD
                                    121 GGTGACATATGACTGTGAATAAAGGGTCCLLAGTAGTCTTGGATCATGATGATGACGACGACA
                                                                                                                                                                    489 TACAACCAGGCCAAGCCCAACCATATAGGTAGCAGATTIGCAAACATCACTGCTGAGGGGTACTAA
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Similarity 91.6%; Pred. No.
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	GTGATTATACTCTTACACTAAGGAAAGGGGGAAATAACAAATTAATC-AAAATATTTCAT  - - - - - - - - - - - - - - - - - - -	13 62	वृत्त ४०
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<u></u>	FOUTACAAAATGCTGAATGGTACTGGGGAGATATCT 	02 50	Dp Dp
15	CTGCCTCCTAAACCACCAAAACCTACTACTGTAGCCA	95 44	qq. Aq.
- 46 - 48	ALAAAGTTATAGAAATTTTAATGTGAAGGAATGGA  - - - - - - - - - - - - - - - - - - -	90 138	Dp Dp
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= 7	AAACGCTATCTCCTGGACTTACCAAATCCTGTCATTCCAGCAGCCGTTTACAGTGAAATCAAACGCTATCTCCTGGACTTACCAAATCCTGTCATTCCAGCAGCCGTTTACAGTGAAATC	108	£ &
10	TGIGATACACCICCGIGGACTIGAAATGAICGAICGAICACCICCGIGACGCICTC	54 102	99 88
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	ATTGCCCCGCCTCTTCTTATCAAGCTCGTGGAAGCATTGAAAAGAAGAAGCTCTGGAATGT	42 90	4d 45
420 408	GATGTTGAACAACATTTGACTCTCCCGGATCTTGCAGAGAGTGTTGCCCTGAC	84 5 4	4a 4a
8 3 6 4	CCAAAGCCCGGGCACCTCGGCCTCTTCCTGTTGCACCACGTTCTTGGAAAACTGAAGCA	30 78	Dp.
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peptide therapy. The polypeptides have various cytokine tike activities,
e.g. stem cell growth factor activity, bacmatopolesis regulating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The invention relates to polynucleotides (AAK54456 AAK54459) and the encoded polyneptides (AAM78423-AAM80402) that exhibit activity clating to cytokine, cell proliferation of cell differentiation of which may induce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 1; Page 2439 2442; 6221pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zhao QA, Wang D, Wang J, Zhang J, Ben
Xue AJ, Yang Y, Wejhrman L, Goodrich E:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           production of other cytokines in other cell populations. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        useful in diagnosis and gene therapy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nucleic acids encoding polypoptides with cytokine like activation
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                            Local Similarity 99.2%; Fred. No. 0;
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Wang D. Wang J. Zhang J. Ben F.
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0; Mismatches
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2092	033 AMBGMAAGTAAAGMATTGTGI
1289	
2032	973 GCACITTICTTGICCGSGAGASCAGIAAACASGCCCGCIAFGCCTGTGTGTGTAGTG
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4 0	853 AAGAGCAATAFTGAGTGGGAAGARGAFGAGAAGAFFTGGGGGGATGAFGATGAGAAGAGAG THILLITTHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHIL 050 AAGAGCAATAFTGAGTGGAAGAGAGAGAGAGAGAGAGAGAGAGAGA
1852	TGACTCAAAAAGGTGTTGGGCAAAAGAAGTTGAACGACTGGTTGGGGCAATGAAAAAACACT
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1792	ACAGCAFTAAACCAGACCTTAFCCAGCFGAGAAAACACGAGA
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10 .1	GATTGGAAGAAGACTTGAAGAAGACAGCACCCCACTATCCAGAAATTGACAAAACGTAT 
1672 869	TTATGCATAATTATGATAAGETGAAGTCTGAATCAGTGAATTATTGACAGTAGAAGA
⊙ σ.	ACAGCAAAGAATACATAGAAAAGTTTAAACGTGAAGGCAATGAGAAAGAA
1552	TTGAAGCATTTAATGAAACCALAAAAALATLIGAAGAACAGTGCCAGACCCAAGAGGGG
749	- - - - - - - - - - - - - - - - -
4 8	AFAGATEATATATGAAGAAFATACCCGCQCACATCCCAGGAAATCCAAATGAAAAGGACAGGT  - - - - - - - - - - - - - - - - - - -
	373 CTGTAGGGAAAAAATTAGATGAATATAAGACYCAGTT  - - - - - - - - - - - - - - - - - -
	TAVTETATOCASTATOCAAATAVCAACAGGATGAAGITGTCAAAGAAGATAATATGAA  - - - - - - - - - - - - - - - - - -
1312	253 IAATAAACCACTACCGGAATGAATCTCTAGGTCAGTATAATCCCAAATTTCGATGTGAA
509	
1252	193 THOATOGAGATGGGAAATATGGCTTCTCTGACCCATTAACCTTCAGTTCTGTGGTTGAA
449	
1192 389	TGCATGUIGATTATACTCTTACACTAAGGAAAGGGGGGAAATAACAAATTA
1132	AAAAACTTOGAGATACAGCAGACGGGACCTTTTTOGTACGAGATGCGTCTACTAAA
329	
1072	ACAÁTATGICGTTACAAAAIGCTGAATGGTACCIGGGGAGATATCT
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                                                                                                          the incoded polypoptides (AAM78428 AAM80302) that exhibit activity elating to envolve polypoptides (AAM78428 AAM80302) that exhibit activity elating to cytokine, cell proliferation or cell differentiation or which may induce production of other cytokines in other cell populations, the polypoptides are useful in gene therapy, vaccines or poptide therapy. The polypoptides have various cytokine-like activities, e.g. stem cell growth factor activity, harmanamedialatory activity and activity issue growth factor activity, harmanamedialatory activity and activity issue growth factor activity. The diamens activity activity and activity is the content of cancer, lenkacmia, nervous system disorders, arthritis and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1; Page 4921 4922; 6221pp; English
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vaccine; peptide therapy; stem cell growth factor; haematopolesis;
tissue growth factor; immunomodulatory; cancer; lenkacmia;
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Wang D. Wang J. Zhang J. Ren E. Chen R. Wang ZW:
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                                                       redistribution of luminophores - specifically tasions of green fluorescept protein with a signalling component, and new apparatus, particularly for identitying toxins and potential therapeutic agents
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          The present sequence encodes a human p85alpha
                                 Claim 63; Pages 91-96; 326pp; English.
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                              emitted from a luminophore present in the cells. The variation in li-
emission is processed to provide information that correlates spatial
distribution to the degree of the molecule. The method is used to
                                                                                                                     that exemplifies the invention. The specification describes how quantitative information about the influence of a molecule on a cellular response is obtained by recerding the variation, caused by the melecule, on mechanically intact living cells, in the spatially distributed light
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Sequence 1861 BP; 634 A; 352 C; 412 G;
                                                                                 pharmaceutical compositions which useful for treating of preventing disorders associated with decreased PHSP expression/feterity. PHSP antiquotists are useful for treating of preventing disorders associated.
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for preventing, treating or ameliorating medical conditions e.g. by protein or gene therapy. The genes are isolated from a range of home tissues disclosed in the specification. The nucleon acids, proteins antibodies and (ant)agonists are useful in the diagnosts, treatment
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The sequence data for this patent did not form part of the
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                                                                     1394 DELIANARITA TITATO CARTARIO AND ANTONIA MANORIA ETANITITA ANTONIA ETA
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screen such treatments
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 902 BP; 332 A; 151 C; 171 G; 217 T; 31 other;
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          cytckine, cell proliferation or cell differentiation or which may induce production of other cytokines in other cell populations. The polymorleor ides and polypoptides are useful in done though, vaccines or populate thatap. The polypoptide, have various the like activities, or stem cell growth factor activity, hacmanopolesis regulating activity, tissue growth factor activity, hacmanopolesis regulating activity, and activity is activity and activity.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nucleic acids originating in gene expressed in human neuroblastoma, useful as probe or primer in diagnosting prognosis of human neuroblastoma, maliquancy and susceptibility indicator or tumour marker for anti-cancer agents.
                                                                                                                                                                                                                                                                                                                            primer in diagnosing the prognosis of human neuroblastoma, malignancy and susceptibility indicators or tumour markers for anti-cancer agents. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to novel genes (AA193925 AA19396) expressed in human neuroblastoma. The nucleic acids are applicable as a probe or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3171 CTACCAGCACGCCTGGCTGCAGGACACGACGGCACGCCACCC
                                      2684 GTGGACCCAGACACAEOGCACTGFGGAFFAFFFCAFFFFGFAACAAATGAACGATATGTA 2743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 777 BP; 249 A; 143 C, 126 G; 256 T; 3 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       to that for N-myc and TrkA genes.
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17.1%; Score 576.8; DB 22; Longth 777; 94.6%; Pred. No. 5.2e-131;
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